PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 14375-003WO1	FOR FURTHER see Form PCT/ISA/220 ACTION as well as, where applicable, item 5 below.						
International application No. PCT/US04/31933	International filing date (day/month/year) 29 September 2004 (29.09.2004)	(Earliest) Priority Date (day/month/year) 29 September 2003 (29.09.2003)					
Applicant EMBRYONICS, INC							
This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau. This international search report consists of a total of sheets. It is also accompanied by a copy of each prior art document cited in this report.							
Basis of the Report a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.							
The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).							
b. With regard to any nucleotic	b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.						
2. Certain claims were found	unsearchable (See Box No. II)						
3. Unity of invention is lacking (See Box No. III) 4. With regard to the title,							
the text is approved as submi	tted by the applicant.						
the text has been established	by this Authority to read as follows:						
	•						
	:						
	•						
		·					
	• • • • • • • • • • • • • • • • • • • •						
5. With regard to the abstract,							
the text is approved as submi	tted by the applicant.						
the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.							
6. With regard to the drawings, a. the figure of the drawings to be p	ublished with the abstract is Figure No.	<u> </u>					
as suggested by the applicant.							
as selected by this Authority, because the applicant failed to suggest a figure.							
as selected by this Authority, because this figure better characterizes the invention.							
b. none of the figures is to be published with the abstract.							

Form PCT/ISA/210 (first sheet) (January 2004)

INTERNATIONAL SEARCH REPORT

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Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)				
This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:				
Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:				
2. Claims Nos.: 52 because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically: Claim 52 appears to be incomplete. There are no "freezing protocols" listed.				
3. Claims Nos.: 53-56, 72-99 and 106-126 because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).				
Box No. III Observations where unity of invention is lacking (Continuation of Item 3 of first sheet)				
This International Searching Authority found multiple inventions in this international application, as follows:				
1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.				
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.				
3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:				
Covers only mose claims for which tees were part, specifically claims 1105				
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:				
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.				

Form PCT/ISA/210 (continuation of first sheet(2)) (January 2004)

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/31933

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : C12N 5/02, 5/06; A61B 17/42, 17/435, 17/46 US CL : 435/325, 374; 424/93.1, 93.7; 600/33, 34						
According to International Patent Classification (IPC) or to both national classification and IPC						
B. FIELDS SEARCHED						
Minimum documentation searched (classification system followed by classification symbols) U.S.:						
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched						
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Medline, CAPlus, USPat, USPGPub, EPO, JPO, Derwent						
C. DOC	JMENTS CONSIDERED TO BE RELEVANT					
Category *	Citation of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.			
Y	US 2002/0098470 A1 (TONER et al) 25 July 2005 (2 pages 1-3.	25.07.2005), whole document, especially	1-51, 57-71 and 100- 105			
Y	EBNER et al, Elective Transfer of Embryos Selected on the Basis of First Polar Body Morphology is Associated with Increased Rates of Implantation and Pregnancy, Fertility and Sterility. October 1999, Vol. 72. No. 4, pages 599-603, whole document.					
Y	WELLS et al, First Clinical Application of Comparative Genomic Hybridization and Polar Body Testing for Preimplantation Genetic Diagnosis of Aneuploidy. Fertility and Sterility. September 2002, Vol. 78. No. 3, pages 543-549					
Y	GOOK et al. Cryopreservation of mouse and human oocytes using 1,2-propanediol and the configuration fo the meiotic spindle. Human Reproduction. 1993, Vol. 8. No. 7, pages 1101-1109.					
A						
Further	documents are listed in the continuation of Box C.	See patent family annex.				
• S	pecial categories of cited documents:	"T" later document published after the inter				
	date and not in conflict with the application but cited to understand the					
"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone						
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot considered to involve an inventive step when the document is combined with one or more other such documents, such combined.			when the document is documents, such combination			
"O" document	referring to an oral disclosure, use, exhibition or other means	being obvious to a person skilled in the	art			
"P" document published prior to the international filing date but later than the "&" document member of the same patent family priority date claimed						
Date of the ac	Date of the actual completion of the international search Date of mailing of the international search report					
17 March 200	17 March 2005 (17.03.2005) 1.1 MAY 2005					
	Name and mailing address of the ISA/US Authorized officer					
Mail Stop PCT, Attn: ISA/US Commissioner for Patents Michael Wityshyn		TOCKON				
	P.O. Box 1450 Alexandria, Virginia 22313-1450 Telephone No. 571-272-1600					
	(703) 305-3230					

Form PCT/ISA/210 (second sheet) (January 2004)

INTERNATIONAL SEARCH REPORT

International application No. PCT/US04/31933

A, P CIOTTI et al, First polar body morphology before ICSI is not related to embryo quality or pregnancy rate, Human Reproduction. 2004, Vol. 19. No. 10, pages 2334-2339, whole 105	Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
	A, P	pregnancy rate, Human Reproduction. 2004, Vol. 19. No. 10, pages 2334-2339, whole	1-51, 57-71, and 100-
	· .		
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